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EUROPEAN PATENT APPLICATION

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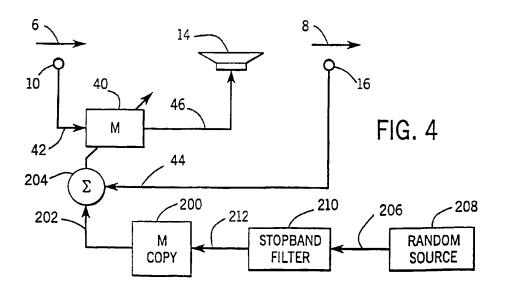
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- (54) Active adaptive control system with spectral leak
- (57) An active adaptive control system introduces a control signal from an output transducer (14) to combine with the system input signal (6) and yield a system output signal (8). An adaptive filter model (40) has an output (46) supplying a correction signal to the output transducer to introduce the control signal. The model has a first error input (44, 232, 248) driven by an error signal from an error transducer (16) to drive the correction signal

nal toward a value matching the system input signal to modify and/or cancel same. The model has a second error input (202, 224, 240, 268, 280) selectively driven by a spectral leak signal (212) to drive the correction signal away from such matching value by driving the correction signal towards zero, to selectively constrain performance of the model in response to a given condition of a given parameter.





EUROPEAN SEARCH REPORT

Application Number EP 94 30 9209

DOCUMENTS CONSIDERED TO BE RELEVANT			T		
ategory	Citation of document with of relevant p	indication, where appropriate, assages	Relevant to claim	CLASSIFICATION OF THI APPLICATION (Int.Cl.6)	
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	* column 16, line 9 figures 19,20 *	9 - column 17, line 62;			
				TECHNICAL FIELDS SEARCHED (Int. Cl. 6)	
				G10K H03H	
	The present search report has been drawn up for all claims				
	Place of search	Date of completion of the search	<u> </u>	Examiner	
	THE HAGUE	28 February 1997	D/L	PINTA BALLE, L	
X: particularly relevant if taken alone E: earlier p Y: particularly relevant if combined with another D: documen document of the same category L: documen		E : earlier patent doi after the filing do ther D : document cited in	inciple underlying the invention of document, but published on, or ing date ited in the application ted for other reasons		

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